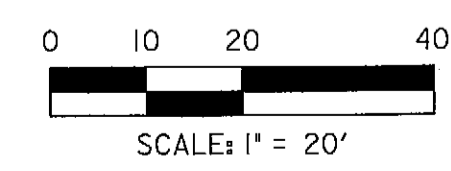
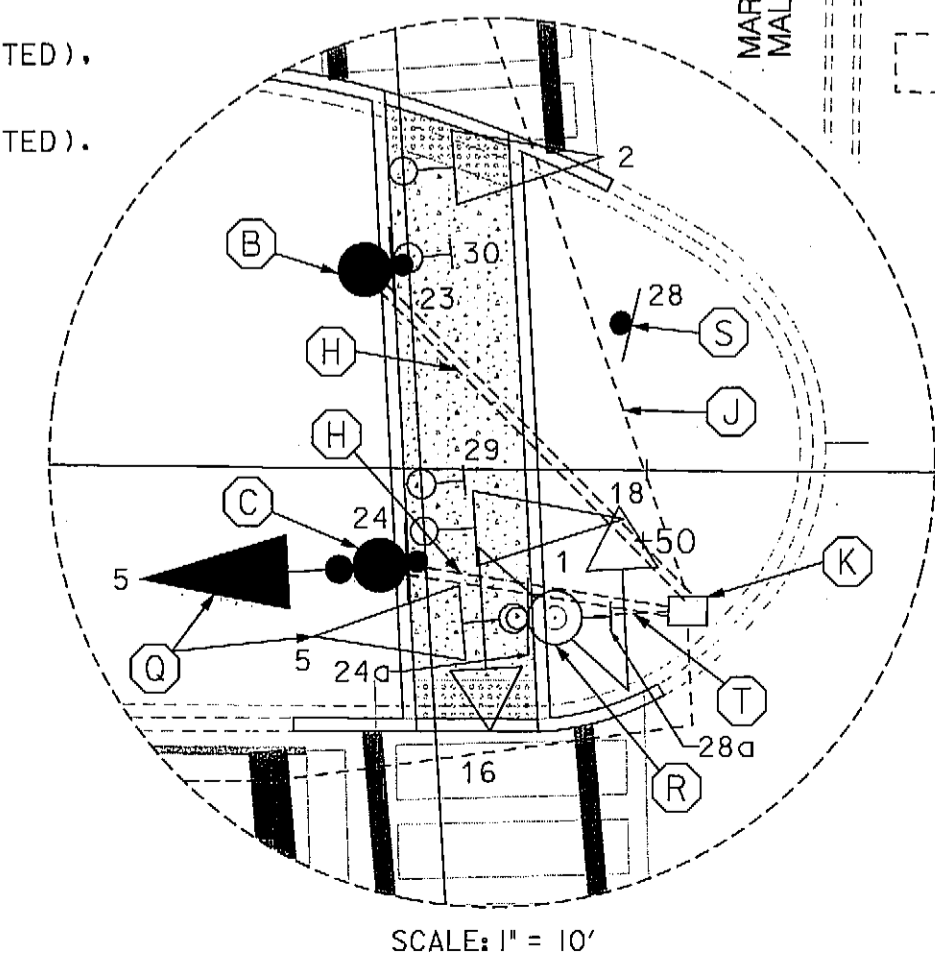


CONSTRUCTION DETAILS

- A. INSTALL CONCRETE FOUNDATION WITH 5 FT. STEEL PEDESTAL POLE WITH MODIFIED BREAKAWAY BASE (STANDARD NO. MD 801.01-01), AUDIBLE/TACTILE PEDESTRIAN PUSHBUTTON, AND R10-3(1) SIGN (TO READ "PUSH BUTTON TO CROSS AMERICANA CIRCLE") (INSTALL 1-2 IN. SCHEDULE 80, 90 DEGREE PVC ELECTRICAL CONDUIT BEND IN POLE BASE). (STA 23+48, 76' LT.; STA 24+35, 63' LT.)
- B. INSTALL CONCRETE FOUNDATION WITH 5 FT. STEEL PEDESTAL POLE WITH MODIFIED BREAKAWAY BASE (STANDARD NO. MD 801.01-01), AUDIBLE/TACTILE PEDESTRIAN PUSHBUTTON, AND R10-3(1) SIGN (TO READ "PUSH BUTTON TO CROSS GOV RITCHIE HWY") (INSTALL 1-2 IN. SCHEDULE 80, 90 DEGREE PVC ELECTRICAL CONDUIT BEND IN POLE BASE). (STA 23+36 10' LT.)
- C. INSTALL CONCRETE FOUNDATION WITH 20 FT. STEEL PEDESTAL POLE WITH BREAKAWAY BASE, RELOCATED TRAFFIC SIGNAL HEAD, AUDIBLE/TACTILE PEDESTRIAN PUSHBUTTON, AND R10-3(1) SIGN (TO READ "PUSH BUTTON TO CROSS GOV RITCHIE HWY") (INSTALL 1-2 IN. SCHEDULE 80, 90 DEGREE PVC ELECTRICAL CONDUIT BEND IN POLE BASE). (STA 23+36 5' RT.)
- D. REMOVE EXISTING PEDESTRIAN SIGNAL HEADS, PUSHBUTTON, AND SIGN. INSTALL LED COUNTDOWN PEDESTRIAN SIGNAL HEADS (POLE-MOUNTED), AUDIBLE/TACTILE PEDESTRIAN PUSHBUTTON, AND R10-3(1) SIGN (TO READ "PUSH BUTTON TO CROSS GOV RITCHIE HWY").
- E. REMOVE EXISTING PEDESTRIAN SIGNAL HEAD, PUSHBUTTON, AND SIGN. INSTALL LED COUNTDOWN PEDESTRIAN SIGNAL HEAD (POLE-MOUNTED), AUDIBLE/TACTILE PEDESTRIAN PUSHBUTTON, AND R10-3(1) SIGN (TO READ "PUSH BUTTON TO CROSS GOV RITCHIE HWY").
- F. REMOVE EXISTING PEDESTRIAN SIGNAL HEAD, PUSHBUTTON, AND SIGN. INSTALL LED COUNTDOWN PEDESTRIAN SIGNAL HEAD (POLE-MOUNTED).
- G. USE EXISTING BASE MOUNTED CABINET/CONTROLLER. INSTALL AUDIBLE/TACTILE PEDESTRIAN PUSHBUTTON BASE UNIT.
- H. INSTALL 2 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
- J. USE EXISTING CONDUIT.
- K. USE EXISTING HANDHOLE.
- L. REMOVE EXISTING PAVEMENT MARKINGS. INSTALL 12 IN. WHITE LEAD FREE REFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS FOR CROSSWALK.
- M. REMOVE EXISTING PAVEMENT MARKINGS. INSTALL 24 IN. WHITE LEAD FREE REFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS FOR STOPLINE.
- N. USE EXISTING STRAIN POLE.
- P. USE EXISTING SPAN WIRE.
- Q. RELOCATE EXISTING SIGNAL HEAD TO NEW PEDESTAL POLE.
- R. REMOVE EXISTING SIGNAL POLE AND ALL ASSOCIATED EQUIPMENT. REMOVE FOUNDATION 12 IN. BELOW GRADE AND BACKFILL.
- S. INSTALL GROUND MOUNTED SIGN ON ONE 4"x4" WOOD SUPPORT.
- T. CAP AND ABANDON EXISTING CONDUIT.

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| GEOMETRIC LEGEND |                  |
|------------------|------------------|
| ---              | EXISTING         |
| - - - -          | PROPOSED         |
| UTILITY LEGEND   |                  |
| ---              | STORM DRAIN      |
| ---              | GAS MAIN         |
| ---              | WATER MAIN       |
| ---              | SEWER MAIN       |
| ---              | ELECTRIC CABLES  |
| ---              | AERIAL CABLES    |
| ---              | TELEPHONE CABLES |
| ---              | FIBER-OPTIC      |

- GENERAL NOTES
- ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING MISS UTILITY PRIOR TO THE CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN UTILITIES AND THE TRAFFIC SIGNAL WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.
  - PUSHBUTTONS ARE TO BE LOCATED SO THAT THEY CAN BE ACTIVATED BY A PERSON IN A WHEELCHAIR REACHING LESS THAN 18" FROM A 60" X 60" LEVEL LANDING AREA WITH A CROSS SLOPE OF LESS THAN OR EQUAL TO 2%.
  - THE 10' SEPARATION BETWEEN PUSHBUTTONS IS TO BE MEASURED FROM FACE OF PUSHBUTTON TO FACE OF PUSHBUTTON, NOT CENTER TO CENTER OF POLE.
  - PUSHBUTTON ARROWS ARE TO BE PARALLEL TO THE CROSSING FOR WHICH THEY ARE INTENDED.
  - LOCATION OF ACCESSIBLE PEDESTRIAN SIGNAL PUSHBUTTONS MUST MEET LOCATION MUTCD SEC. 4E.09 AND FIG. 4E-2 AND THE NCHRP PUBLICATION, "ACCESSIBLE PEDESTRIAN SIGNALS GUIDE TO BEST PRACTICE". IF NOT MET, THE CONTRACTOR IS TO STOP WORK ON THE PUSHBUTTON LOCATIONS UNTIL A DESIGN WAIVER IS OBTAINED AND APPROVED BY THE DIRECTOR, OFFICE OF TRAFFIC AND SAFETY.
  - THE CONTRACTOR SHALL REPAIR ANY DAMAGE TO ANY SIDEWALKS CAUSED BY THE INSTALLATION OF SIGNAL EQUIPMENT.
  - ALL EXISTING TRAFFIC EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE NEW SIGNAL.
  - THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLES TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.
  - REMOVE AND DISPOSE OF ALL UNUSED CABLE.
  - ALL CROSSWALKS SHALL BE CENTERED TO THE PROPOSED SIDEWALK RAMPS.
  - REFER TO THE DETAIL SHEET (SHEET NO. 3) FOR CURB RAMP DETAILS.
  - REFER TO THE ROADWAY PLAN SHEET (SHEET NO. 4) FOR ALL SIGN RELOCATIONS RESULTING FROM SIDEWALK CONSTRUCTION.

| APPROVALS        |  |
|------------------|--|
| TEAM LEADER      |  |
| ASST. DIR. CHIEF |  |
| DIVISION CHIEF   |  |
| OFFICE DIRECTOR  |  |

| REVISIONS  |          |
|--|----------|
| 1. UPGRADE SIGNAL WITH APS AND CPS                               | 05/29/12 |
| 2. BSH   | 05/29/12 |
| 3. G. REPLACED SIGNAL HEADS WITH BLACK FACED SIGNAL HEADS        | 05-10-04 |
| 4. SRB   | NUL      |
| 5. F. RELOCATE PEDESTRIAN SIGNALS DUE TO RELOCATION OF CROSSWALK | 09-11-03 |

**SHA** STATE OF MARYLAND  
DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY ADMINISTRATION  
OFFICE OF TRAFFIC & SAFETY  
TRAFFIC ENGINEERING DESIGN DIVISION

**MD 2 (GOVERNOR RITCHIE HIGHWAY) AT AMERICANA CIRCLE / MARLEY STATION MALL ENTRANCE**  
GLEN BURNIE, MARYLAND

**TRAFFIC SIGNALIZATION PLAN**

SCALE 1" = 20' DATE 9/11/2003 CONTRACT NO. \_\_\_\_\_

DESIGNED BY \_\_\_\_\_ COUNTY ANNE ARUNDEL  
DRAWN BY J. HENKEL LOGMILE 02000234.56  
CHECKED BY M.A.R. T.I.M.S. NO. \_\_\_\_\_  
F.A.P. NO. \_\_\_\_\_ T.O.D. NO. \_\_\_\_\_

T.S. NO. 874J SG-01 OF SG-02 SHEET NO. 5 OF 6